

Safety & Operational Reliability Improvements (S&ORI)

One of the missions of SLAC National Accelerator Laboratory's (SLAC) is to provide its users the accelerator facilities and instrumentation to conduct research at the frontiers of their scientific fields. The reliability of SLAC's mechanical utility distribution system is vital to this scientific mission.

The Safety & Operational Reliability Improvements (S&ORI) project has two components. SLAC's underground piping systems for natural gas, cooling tower water, chilled water, hot water, fire protection water, sanitary wastewater, and storm water will be upgraded to ensure their performance and integrity under normal operating conditions. These upgraded systems will ensure improved performance and integrity under normal operating conditions and during fire emergencies. The project also includes installation of seismic retrofits necessary to bring various building structures into compliance with the seismic standards of the Uniform Building Code, and of SLAC.